

⑥  
Castle  
stones

1st & Final bill

Recorded on:-

M. A. R. 57 (Rule 116)

No. E ERT Cost RS. 15.00 lakhs

work order NO:- BBMP/EE/YNK.D/E-PMT-12/20.0/110/2022-23, Measurement Book

585240

Name of work: Improvements to BBMP building at Saundarpatti, Krishnaram main road

Name of Contractor or nature of Agency: Sri. BHARATH G.R (S.R. CONSTRUCTIONS), Ground Floor, No. 136, 15th main, 2nd cross, A Block, Sahakara Nagar, B-4-92

Date of commencement of work: 08/02/2023

| Date | Full description, etc, of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dimensions |        |         |       | Contents | Reference to last Measurement |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|---------|-------|----------|-------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Number     | Length | Breadth | Depth |          |                               |
| 1    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3          | 4      | 5       | 6     | 7        | 8                             |
| 01   | Earth work excavation by manual means for drainage, canals, waste weir, draft, approach channels, key trenches, foundations of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including getting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface levelled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50m and lift up to 1.5m including cost of labour, tools & other appurtenances required to complete the work. Depth exceeding 1.5m, but not exceeding 3m. |            |        |         |       |          |                               |

Quantity, vide, A.S per pre-measurement are

Recorded in this bill and page No. 585276:- 7.29m<sup>3</sup>

@RS. 185.20 1350.10

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                | Dimensions  |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                    | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
|           | ② Providing and filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hard packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications. quantity vide AR per pre-measurement. Recorded in this MB and page no: <u>585277</u> : $1.44m^3$ 3431.90<br>CRS. 2383.27 |             |             |              |            |               |                                          |
|           | ③ Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers                                                                                                                                     |             |             |              |            |               |                                          |

Serial No. ....  
Name of work ....  
Name of Contractor of nature .....  
Date of commencement of work .....

| Date<br>1 | Full description,<br>2                                                                                     |
|-----------|------------------------------------------------------------------------------------------------------------|
|           | not exceeding<br>including a<br>large char<br>ances requi<br>size 1:3:6 (a<br>aggregates.<br>Quar<br>Recon |

②  
Castle  
stones

M. A. R. 57 (Rule 116)  
Measurement Book

No. E

585241

Serial No. ....

Name of work .....

From .....

To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

| Date<br>1 | Full description, etc. of work<br>2                                                                                                                                                                                                                                                                                                                                    | Dimensions  |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                        | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
|           | not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts. Cost of all materials of quality, labour, usage charges of machines, curing and all the other appliances required to complete the work as per Technical Specifications. mix 1:3:6 (or 10) using 40 mm nominal size graded crushed coarse aggregates. Specifications. |             |             |              |            |               |                                          |
|           | Quantity vide, AS per pnc - measurement are<br>Recorded in this entry and page no of: 585278: 47.59 m <sup>3</sup><br>CRS. 5168.60                                                                                                                                                                                                                                     |             |             |              |            |               | 245973.67                                |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc., of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dimensions  |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
|           | ④ Providing and laying in position Reinforced Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50m height. The granite / trap ballast Gushed graded coarse aggregates and fine aggregate as per relevant IS codes & machine mixed with super plasticisers laid in layers. Well compacted using needle vibrations, providing weep holes wherever necessary & as per specifications & directions of engineer in charge work.<br><br>Quantity vide, As per pre-measurements are<br>Recorded in This book and page no of:- 585279: 1.71m <sup>3</sup><br>10297.96 |             |             |              |            |               |                                          |

@ R.S. 6022.20

Serial No. ....  
Name of work ....  
Name of Contractor of ...  
Date of commencement ...

| Date<br>1 | Full description<br>2                                                                               |
|-----------|-----------------------------------------------------------------------------------------------------|
|           | ⑤ Providing all Super structure works height. The and for mixed using 2 of all to Per Spec Columns. |

⑥  
Castle  
stone

M. A. R. 57 (Rule 116)  
Measurement Book

No. E

585242

Serial No. ....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dimensions  |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
|           | ⑤ Providing and laying in position Reinforced concrete for all Super structures of building, Road works, water works, Irrigation works & Super structure works of bridges up to 3.50m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS code machine mixed with super plasticiser laid in layers well compacted using needle vibration. The cost includes all load & lifts, cost of all materials, quality conforming to the requirements etc as per Specifications & directions of engineer in charge work. |             |             |              |            |               |                                          |
|           | Column: - main Road :-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2           | 0.30        | 0.30         | 2.00       | 0.36          |                                          |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc., of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dimensions  |             |              |            | Contents<br>7         | Reference<br>to last<br>Measurement<br>8 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-----------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                       |                                          |
|           | Interior:-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2           | 0.20        | 0.20         | 2.00       | 0.16 ✓                |                                          |
|           | Police checks:-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2           | 0.20        | 0.20         | 2.00       | 0.16 ✓                |                                          |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |              |            | 0.50 m <sup>3</sup> ✓ |                                          |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |             |              |            | @RS. 6332.40 ✓        | 3166.20                                  |
|           | ⑥ Providing and laying heavy duty Cobble Stones 75mm Thick interlock<br>Pavers, using cement and coarse Sand for manufacture of blocks<br>of approved size, shape and colour with a minimum compressive<br>strength of 281 kg per cm <sup>2</sup> over 50mm thick Sand bed (average thick-<br>ness) and Compacting with plate vibrator having 3 tons Compaction<br>force thereby forcing part of Sand underneath to come up in between<br>joints, final compaction of paver surface joints into final level<br>etc as per specifications & directions of engineer in charge work. |             |             |              |            |                       |                                          |

Serial No. ....  
 Name of work ....  
 Name of Contractor ....  
 Date of commencement .....

| Date | Full description |
|------|------------------|
| 1    |                  |

Front of

Front of

(6)

Castle  
StoneM. A. R. 57 (Rule 116)  
Measurement Book

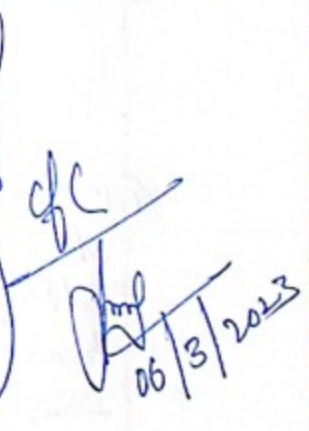
585243

Serial No. ....

Name of work ..... From .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2 | Number<br>3 | Dimensions  |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8                                             |
|-----------|-------------------------------------|-------------|-------------|--------------|------------|---------------|--------------------------------------------------------------------------------------|
|           |                                     |             | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                                                                      |
|           | Open Area:-                         | 1           | 15.70       | 8.50+8.70    | -          | 135.02        |  |
|           |                                     | 1           | 4.00        | 0.60         | -          | 2.40          |                                                                                      |
|           |                                     | 1           | 0.75        | 0.60         | -          | 0.45          |                                                                                      |
|           | Front of Toilet Block:-             | 1           | 6.30        | 5.10         | -          | 32.13         |                                                                                      |
|           |                                     | 1           | 3.50        | 1.35         | -          | 4.72          |                                                                                      |
|           |                                     | 1           | 0.75        | 0.60         | -          | 0.45          |                                                                                      |
|           | Front of Shopping Complex:-         | 1           | 39.10       | 3.35+3.40    | -          | 131.96        |                                                                                      |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                             | Dimensions  |             |              |            | Contents<br>7         | Reference<br>to last<br>Measurement<br>8 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-----------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                 | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                       |                                          |
|           | (C) Deductions for tree path                                                                                                                                                                                                                                                                                                                                                                                    | 1           | 3.40        | 2.20         | -          | 7.48                  | ✓                                        |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                 | 1           | 1.40        | 1.35         | -          | 1.89                  | ✓                                        |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |              |            | 314.61 m <sup>2</sup> | ✓                                        |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |              |            | 312.72 m <sup>2</sup> | ✓                                        |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |              |            | Q.R.S. 1065.60        | ✓                                        |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |              |            | 3,33,234.43           | ✓                                        |
|           | (F) Providing Thermo-mechanically Treated bars of grade Fe-550<br>Steel reinforcement for R.C.C work including straightening<br>Cutting, bending, placing in position, binding and anchoring<br>to adjacent members wherever necessary Complete as per<br>Design including cost of material, labour, usage charges<br>Complete as per Specifications (The laps & wastages shall not be measured<br>separately.) |             |             |              |            |                       |                                          |

Serial No. ....  
 Name of work .....  
 Name of Contractor of nature .....  
 Date of commencement of work .....

| Date<br>1 | Full description,<br>2                                                                       |
|-----------|----------------------------------------------------------------------------------------------|
|           | Quantity<br>Recorded                                                                         |
|           | ⑧ Finishing &<br>shade : New<br>priming &<br>of approved<br>ing the su<br>at matter<br>work. |

## No. E

585244

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work                                                                                                                                                                                                                                                                                                                                                                                                       | Dimensions |        |         | Contents   | Reference to last Measurement |          |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|---------|------------|-------------------------------|----------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                      | Number     | Length | Breadth |            |                               | Depth    |
| 1    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3          | 4      | 5       | 6          | 7                             | 8        |
|      | Quantity vide, AS per pre-measurement are<br>Recorded in this MS and page no of:- 585278:- 296.45 Kgs                                                                                                                                                                                                                                                                                                                                |            |        |         |            |                               | 26502.63 |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |        |         | CRS. 89.40 |                               |          |
|      | ③ Finishing walls with Acrylic Smooth exterior paint of required<br>shade: New work (Two coat applied @ 1.6 ltr/10m over and including<br>priming coat of exterior primer applied @ 2.20 kg/10m with paint<br>of approved quality to give an even shade, after Thoroughly broom<br>ing the surface to remove all dirt, dust, mortar drogs and foreign<br>matter etc & per specifications & directions of engineer in charge<br>work. |            |        |         |            |                               |          |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                          | Dimensions            |             |              |                               | Contents<br>7         | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|--------------|-------------------------------|-----------------------|------------------------------------------|
|           |                                                                                                                              | Number<br>3           | Length<br>4 | Breadth<br>5 | Depth<br>6                    |                       |                                          |
|           | Outside of Shop 8:- W/walls:- 2                                                                                              | 38.80                 | -           | 3.55         | 275.48 ✓                      |                       |                                          |
|           | s/walls:- 2                                                                                                                  | 3.50                  | -           | 3.55         | 24.85 ✓                       |                       |                                          |
|           |                                                                                                                              |                       |             |              | <u>300.33 m<sup>2</sup></u> ✓ |                       |                                          |
|           | (-) Deductions:- R/shutters:- 12                                                                                             | 2.10                  | -           | 2.40         | 60.48 ✓                       |                       |                                          |
|           | V:- 12                                                                                                                       | 0.60                  | -           | 0.60         | 4.32 ✓                        |                       |                                          |
|           |                                                                                                                              |                       |             |              | <u>64.80 m<sup>2</sup></u> ✓  |                       |                                          |
|           | Net Quantity:-                                                                                                               | 300.33 m <sup>2</sup> |             |              | 64.80 m <sup>2</sup>          | 235.53 m <sup>2</sup> |                                          |
|           |                                                                                                                              |                       |             |              | Q.R.S. 126.60 ✓               | 29,818.09             |                                          |
|           | ⑨ Finishing with Epoxy paint (two coats) at all locations prepared and applied as per manufacturers specifications including |                       |             |              |                               |                       |                                          |

Serial No. ....  
Name of work ....  
Name of Contractor of ....  
Date of commencement

| Date<br>1 | Full description                                                  |
|-----------|-------------------------------------------------------------------|
|           | appropriate<br>concrete<br>clearing<br>labour<br>charge<br>inside |

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No. E

585245

Serial No. ....

Name of work .....

From .....

To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                               | Dimensions  |             |              | Contents<br>7                  | Reference<br>to last<br>Measurement<br>8 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|--------------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                   | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6                     |                                          |
|           | appropriate priming coat, preparation of surface etc complete on concrete work including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter. Cost of materials labour complete as per specifications and directions of engineer in charge work. |             |             |              |                                |                                          |
|           | Inside of shops:- Walls:- 20                                                                                                                                                                                                                                                      | 2           | 3.05        | -            | $\frac{3.35+3.10}{2} = 196.72$ | ✓                                        |
|           |                                                                                                                                                                                                                                                                                   | 2           | 6.35        | -            | $\frac{3.35+3.10}{2} = 40.95$  | ✓                                        |
|           | 8/12 walls:- 20                                                                                                                                                                                                                                                                   | 2           | 3.00        | -            | $\frac{3.35+3.10}{2} = 193.50$ | ✓                                        |
|           |                                                                                                                                                                                                                                                                                   | 2           | 3.00        | -            | $\frac{3.35+3.10}{2} = 19.35$  | ✓                                        |
|           |                                                                                                                                                                                                                                                                                   |             |             |              | <u>2</u> 450.52m <sup>2</sup>  | ✓                                        |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc. of work<br>2                                                                                                                                                                      | Dimensions  |             |              |            | Contents<br>7          | Reference<br>to last<br>Measurement<br>8 |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|------------------------|------------------------------------------|
|           |                                                                                                                                                                                                          | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                        |                                          |
|           | C- Deductions: R/shutters:- 12                                                                                                                                                                           |             | 2.10        | -            | 2.40       | 60.48 ✓                |                                          |
|           | Y:- 12                                                                                                                                                                                                   |             | 0.60        | -            | 0.60       | 4.32 ✓                 |                                          |
|           | epork:- 1                                                                                                                                                                                                |             | 1.95        | -            | 1.95       | 3.80 ✓                 |                                          |
|           |                                                                                                                                                                                                          | 1           | 0.75        | -            | 1.95       | 1.46 ✓                 |                                          |
|           |                                                                                                                                                                                                          |             |             |              |            | 70.06 m <sup>2</sup> ✓ |                                          |
|           | Net Quantity:- 450.52 m <sup>2</sup> - 70.06 m <sup>2</sup> = 380.46 m <sup>2</sup> ✓                                                                                                                    |             |             |              |            | 48,889.11              |                                          |
|           |                                                                                                                                                                                                          |             |             |              |            | CRS. 128.50            |                                          |
|           | ⑩ Filling available excavated earth (excluding rock) in trenches, sides of foundations and other similar works etc in layers not exceeding 200mm in depth, Consolidating each deposited layer by tamping |             |             |              |            |                        |                                          |

Serial No. ....  
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Name of Contractor .....  
Date of commencement .....

| Date<br>1 | Full description       |
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M. A. R. 57 (Rule 116)  
Measurement Book

No. E 585246

Serial No. ....

Name of work .....

From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2                                                                                    | Dimensions          |                     |              | Contents<br>7       | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|--------------|---------------------|------------------------------------------|
|           |                                                                                                                        | Number<br>3         | Length<br>4         | Breadth<br>5 | Depth<br>6          |                                          |
|           | and watering lead up to 50m and lift up to 1.5m clear per Specifications<br>and directions of engineer in charge work. |                     |                     |              |                     |                                          |
|           | Quantity vide item no-①:-                                                                                              |                     |                     |              | 7.29 m <sup>3</sup> |                                          |
|           | (-) Deductions:-                                                                                                       |                     |                     |              |                     |                                          |
|           | P.C.C Concrete, Quantity vide item no-②:-                                                                              |                     |                     |              | 0.72                |                                          |
|           | Boulders filling, Quantity vide item no-③:-                                                                            |                     |                     |              | 1.44                |                                          |
|           | Footing Concrete, Quantity vide item no-④:-                                                                            |                     |                     |              | 1.44                |                                          |
|           |                                                                                                                        |                     |                     |              | 3.60 m <sup>3</sup> |                                          |
|           | Net Quantity:-                                                                                                         | 7.29 m <sup>3</sup> | 3.60 m <sup>3</sup> |              | 3.69 m <sup>3</sup> | For 73                                   |
|           |                                                                                                                        |                     |                     |              | @ RS.189.90         |                                          |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                   | Dimensions  |             |              |            | Contents<br>7                             | Reference<br>to last<br>Measurement<br>8 |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-------------------------------------------|------------------------------------------|
|           |                                                                                                                                                                       | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                           |                                          |
|           | (11) Loading and unloading of stone Boulder/ stone aggregates/ Sand/ Kankar/ medium. chas per specifications and directions of engineer in charge work.               |             |             |              |            | Quantity vide item no (1) :- $7.29m^3$ ✓  |                                          |
|           | (-) Deductions :-                                                                                                                                                     |             |             |              |            | Quantity vide item no (10) :- $3.69m^3$ ✓ |                                          |
|           |                                                                                                                                                                       |             |             |              |            | $3.60m^3$ ✓                               |                                          |
|           |                                                                                                                                                                       |             |             |              |            | RS. 110.00 ✓                              | 396.00                                   |
|           | (12) Cost of Haulage excluding loading and unloading taking out put 10t load and lead 10km = 100t.km chas per specifications & directions of engineer in charge work. |             |             |              |            |                                           |                                          |

Serial No. ....  
Name of work .....  
Name of Contractor .....  
Date of commencement .....

Date  
1

(13) Fabrication  
using 7  
duty by  
double  
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M. A. R. 57 (Rule 116)  
Measurement Book

No. E

585247

Serial No. ....

Name of work .....

Name of Contractor of nature of Agency .....

From .....

To .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2 | Dimensions  |             |              | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|-------------------------------------|-------------|-------------|--------------|---------------|------------------------------------------|
|           |                                     | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6    |                                          |

Quantity vide item no: ⑪ :- 3.90 m<sup>3</sup>

Say:- 1 3.90 1.280 - 4.99 m<sup>3</sup>

C.R.S 89.40

446.10

⑬ Fabricating, providing and erecting in position Hot dip galvanized Gate. using 72x72x4.8mm Sq. GI pipe frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double larches per drawing profile, 20mm hot dip galvanized Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanized forged ornamental designs in between Sq.

# MEASUREMENT BOOK

| Date<br>1 | Description, etc. of work<br>2                                                                                                                                                                       | Dimensions  |             |                | Contents<br>7        | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------------|----------------------|------------------------------------------|
|           |                                                                                                                                                                                                      | Number<br>3 | Length<br>4 | Breadth<br>5   | Depth<br>6           |                                          |
|           | rods and heads at top, middle and bottom. Intermediate supports of 75x12 mm and 50x6 mm each bend to hot dip galvanised flats. etc as per specifications and directions of engineer in charge works. |             |             |                |                      |                                          |
|           | main Road Side:-                                                                                                                                                                                     | 1           | 4.00        | 2.05+2.35+2.05 | = 8.60               |                                          |
|           | Interior:-                                                                                                                                                                                           | 1           | 2.75        | 2.05+2.35+2.05 | = 5.91               |                                          |
|           | Police Chouki Side:-                                                                                                                                                                                 | 1           | 3.10        | 2.05+2.35+2.05 | = 6.66               |                                          |
|           |                                                                                                                                                                                                      |             |             |                | 21.17 m <sup>2</sup> |                                          |
|           |                                                                                                                                                                                                      |             |             |                | @ RS. 10553.90       |                                          |

Serial No. ....  
Name of work .....  
Name of Contractor of nature .....  
Date of commencement of work .....

| Date<br>1 | Full description,<br>2                                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|
|           | (14) Repair of p<br>75mm wide<br>guides and<br>laths by<br>coil type &<br>with brackets<br>- side & outside<br>8mm cable &<br>in charge ce |

M. A. R. 57 (Rule 116)  
Measurement Book

No. E

585248

Serial No. ....

Name of work .....

Name of Contractor of nature of Agency .....

From .....

To .....

Date of commencement of work .....

| Date | Full description, etc, of work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dimensions |        |         | Contents | Reference to last Measurement |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|---------|----------|-------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number     | Length | Breadth | Depth    |                               |
| 1    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3          | 4      | 5       | 6        | 7                             |
|      | (14) Repair of pull and push type railing shutters of roadside of 18 gauge, 75mm wide cold rolled steel laths of Converse Corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, Subperless shaft with high tension coil type springs two numbers, mounted on specify designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for in -side & outside locking with push & pull operations the which ever parts are movable should be replace etc as per specifications & directions of engineer in charge work. | 4          | 2.15   | -       | 2.10     | 18.6 m <sup>2</sup>           |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |        |         |          | 7815.10                       |

CRS. H32.73

Gate

## MEASUREMENT BOOK

| Date<br>1 | Full description, etc. of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Dimensions  |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
|           | <p>⑮ Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate sections and other sections of approved make conforming to IS:733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. as per specifications and direct order of engineer in charge work.</p> <p>Partition :- 1 3.00 - 2.10 6.30 ✓</p> <p>Door :- 1 0.75 - 2.00 1.50 ✓</p> <p>V :- 4 0.70 - 0.60 1.68 ✓</p> <p>9.48m<sup>2</sup></p> |             |             |              |            |               |                                          |

Serial No. ....  
Name of work ....  
Name of Contractor of name ....  
Date of commencement of work ....

| Date<br>1 | Full description<br>2                                                           |
|-----------|---------------------------------------------------------------------------------|
|           | <p>⑯ Providing flat pressed to IS:1282 windows steel &amp; concrete work of</p> |

## No. E

Serial No. ....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... to .....

Date of commencement of work.....

| Date | Full description, etc., of work                                                                                                                                                                                                                                                                                                                                            | Dimensions |                      |         |           | Contents   | Reference to last Measurement |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------|---------|-----------|------------|-------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                            | Number     | Length               | Breadth | Depth     |            |                               |
| 1    | 2                                                                                                                                                                                                                                                                                                                                                                          | 3          | 4                    | 5       | 6         | 7          | 8                             |
|      |                                                                                                                                                                                                                                                                                                                                                                            | 1          | 9.48m <sup>2</sup> X | 12.00   | =113.76kg | RS. 430.90 | 49019.18                      |
|      | <p>①6 Providing and fixing 12mm thick prelaminated particle board flat pressed three layer on graded wood particle board conform to IS:12823 Grade I Type II, in paneling fixed in aluminium door windows shutters and partition frames with c.p. brass/stainless steel screws etc. complete as per architectural drawings and dimensions of carpenter-in-charge work.</p> |            |                      |         |           |            |                               |

Gate

# MEASUREMENT BOOK

| MEASUREMENT BOOK |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |             |              |            |                |                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------|--------------|------------|----------------|------------------------------------|
| Date<br>1        | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                          | Dimensions                                    |             |              |            | Contents<br>7  | Reference to last Measurement<br>8 |
|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              | Number<br>3                                   | Length<br>4 | Breadth<br>5 | Depth<br>6 |                |                                    |
|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quantity not operated:- 0.00 m <sup>2</sup> ✓ |             |              |            | CRS. 745.50 ✓  | 0.00                               |
|                  | <p>(17) Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern &amp; c.p flush bend with fittings &amp; CI brackets. Also flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete as per specifications &amp; directions of engineer in charge work.</p> |                                               |             |              |            |                |                                    |
|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quantity not operated:- 0.00 m <sup>2</sup> ✓ |             |              |            | CRS. 4657.70 ✓ | 0.00                               |

Serial No. ....  
 Name of work ....  
 Name of Contractor ....  
 Date of commencement .....

| Date | Full description                   |
|------|------------------------------------|
| 1    | (18) Supply & fix 78" x 36" charge |

M. A. R. 57 (Rule 116)  
Measurement Book

No. E

585250

Serial No. ....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

From .....

To .....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                      | Number<br>3 | Dimensions  |              |                | Contents<br>7             | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|----------------|---------------------------|------------------------------------------|
|           |                                                                                                                                                                                          |             | Length<br>4 | Breadth<br>5 | Depth<br>6     |                           |                                          |
|           | (18) Supply steel alominal with shelves & locker 6.6ft 18/20 gauge of size 78"x36"x19" etc, including of all taxes as per approved by engineer in charge complete as per specifications. | 3           | -           | -            | -              | 3.00 nos<br>@ RS. 6760.00 | 20,280.00                                |
|           |                                                                                                                                                                                          |             |             |              | Total          | RS :-                     | 10,04,747.25                             |
|           |                                                                                                                                                                                          |             |             |              | Add 18% of GST | RS :-                     | 180854.50                                |
|           |                                                                                                                                                                                          |             |             |              | Grossed Total  | RS :-                     | 11,85,601.76                             |

ಶಿಕ್ಷಣ ಮತ್ತು ಸಾಂಸ್ಕೃತಿಕ ಇಲಾಖೆ  
ಯುಲಹಂಪಿ, ಸುಬ್ಬರಾಜು ಸುಪ್ರವಿಭಾಗ,  
ಬಿ.ಬಿ.ಎಂ.ಎ. ಬೆಂಗಳೂರು-100

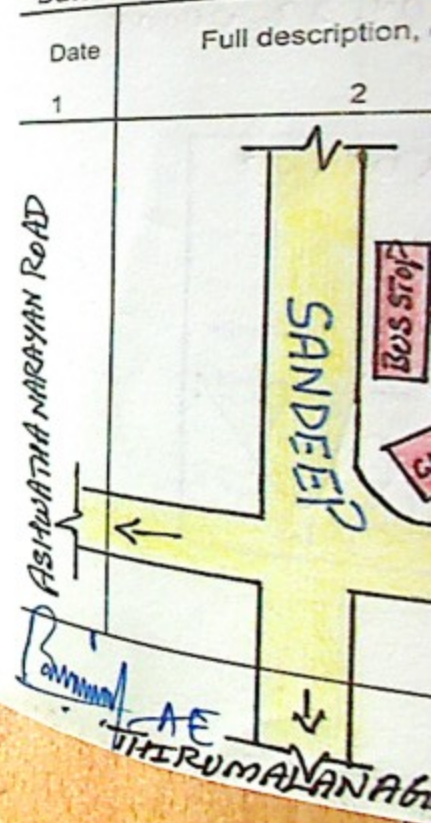
Rammal AE  
18/03/2025

Gate

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc., of work<br>2                                                                                                                                                                                                                                                                       | Dimensions  |             |              |            | Contents<br>7 | Reference to last Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------|
|           |                                                                                                                                                                                                                                                                                                            | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                    |
|           | <p><u>CERTIFICATE:-</u></p> <p>1) Certified that the above work done is Satisfactory Completed</p> <p>2) Certified that the debris have been cleared to site.</p> <p><i>R. Murali</i> AE</p> <p><i>18/3</i></p> <p>ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರರು<br/>ಯಲಹಂಕ, ಸುಬ್ಬನಗರ ಉಪವಿಭಾಗ,<br/>ಅ.ಜ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108</p> |             |             |              |            |               |                                    |

Serial No. ....  
Name of work ....  
Name of Contractor of nature ....  
Date of commencement of work ....



M. A. R. 57 (Rule 116)  
Measurement Book

No. E

585251

Serial No. ....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                            | Number<br>3 | Dimensions  |              | Depth<br>6 | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                |             | Length<br>4 | Breadth<br>5 |            |               |                                          |
|           | <p>Sketch of a road layout showing Sandeep Road, Ashwatma Narayan Road, and Unni Krishnan Road. A bus stop is marked on Sandeep Road. A cobble area is marked on Unni Krishnan Road. A toilet is marked on the cobble area. A sketch of a road layout is shown with dimensions and labels.</p> |             |             |              |            |               |                                          |
|           | <p>ASHWATMA NARAYAN ROAD</p> <p>SANDEEP</p> <p>BUS STOP</p> <p>CHOWK</p> <p>W: 3.50</p> <p>UNNI KRISHNAN ROAD</p> <p>L: 38.80 mtr</p> <p>TOILET</p> <p>22.00 X 3.60</p> <p>Cobble Area</p> <p>G-1</p> <p>INDEX:-</p>                                                                           |             |             |              |            |               |                                          |

SKETCH:-

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು  
ಯಲಹಂಕ, ಶುಭನಗರ ತುಪವಿಲಾಗ.

- - Shops painting
- - Cobble stones
- - ms Gates

- - Locations
- - Exist Roads

AE  
THERUMANANAGARA

## MEASUREMENT BOOK

| MEASUREMENT BOOK |                                 |             |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|------------------|---------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
| D<br>1           | description, etc., of work<br>2 | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
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Serial No.

Serial No. \_\_\_\_\_  
Name of work \_\_\_\_\_  
Contract \_\_\_\_\_

Serial No. ....  
Name of work .....  
Name of Contractor of nature of .....  
Commencement of work .....

Date of completion: \_\_\_\_\_

Date \_\_\_\_\_

Full description, etc.

2